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Case Docket No. DAVIE79.001APC

Date: September 27, 2001

Page 1

In re application of : Chappel, R.  
App. No. : 09/380,826  
Filed : November 22, 1999  
For : LEPTOSPIRA  
PATHOGENS HAVING  
NOVEL SEROLOGY  
Examiner : Hines, J.  
Art Unit : 1645

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

September 27, 2001

Mark R. Benedict, Reg. No. 44,531

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

(X) An extension of time to respond for three months is hereby requested.

Time Extension Fee:

(X) three months (\$890 large entity)

The fee has been calculated as shown below:

CLAIMS AS FILED

CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims 24 —	122	= 0 ×	\$18	= \$0
Independent Claims 2 —	3	= 0 ×	\$80	= \$0
Time Extension Fee				\$890
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT				\$890

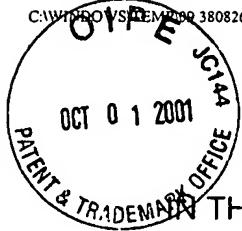
(X) Return prepaid postcard.  
(X) A check in the amount of \$890 is enclosed.  
(X) Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

10/03/2001 TBESHAH1 00000011 111410 09380826

01 FC:117 30.00 CH 890.00 OP

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Mark R. Benedict  
Registration No. 44,531  
Attorney of Record



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## THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Chappel, R. et al.

Examiner: Hines, J.

Serial No: 09/380,826

Art Unit: 1645

Filed: November 22, 1999

Docket: DAVIE79.001A

For: Leptospira pathogens

Assistant Commissioner for Patents  
Washington DC 20231

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## AMENDMENT

Sir

*In the drawings:*

Please replace drawings sheets 1/3 to 3/3 with substitute drawings sheets 1/3 to 3/3 forwarded herewith as Exhibit A.

*Title:*

Please amend the title to read as follows:  
"Leptospira pathogens having novel serology"

*In the claims:*

Please cancel claims 21-74 and 76-123 without prejudice to the Applicants right to pursue those claims in a divisional application of the instant application.

Please amend claims 1-13, 15-17, 19, 20, and 124-126, to read as follows:

- Sub F'* 1. (Once amended) An isolated pathogenic *Leptospira* bacterium that is serologically cross reactive to the *Leptospira* strain WKID (AGAL Accession No. N95/69684).
2. (Once amended) The isolated pathogenic *Leptospira* bacterium according to claim 1, wherein said bacterium grows in media containing 8-azaguanine and at a temperature in the range from about 13°C to about 37°C.
3. (Once amended) The isolated pathogenic *Leptospira* bacterium according to claim 2, wherein said bacterium grows in media containing at least 100 µg/ml 8-azaguanine.
4. (Twice amended) The isolated pathogenic *Leptospira* bacterium according to claim 2, wherein said bacterium grows at temperatures in the range from about 13°C to about 37°C.
5. (Twice Amended) The isolated pathogenic *Leptospira* bacterium according

